



## **DECLARATION**

## **INVENTORSHIP IDENTIFICATION**

As a below named inventor, I hereby declare that my residence, mailing address and citizenship are as stated below, next to my name. I believe that I am the original, first and sole inventor (*if only one name is listed below*) or an original, first and joint inventor (*if plural names are listed below*) of the subject matter that is claimed, and for which a patent is sought on the invention entitled:

## A SYSTEM AND METHOD FOR SERVER-BASED PREDICTIVE CACHING OF BACK-END SYSTEM DATA

**TITLE OF INVENTION**

## SPECIFICATION IDENTIFICATION

the specification of which:

- (a)  is attached hereto.

(b)  was filed on June 20, 2001, as  Serial No. 09/886,071  
 and was amended on (if applicable).

(c)  was described and claimed in PCT International Application No.    filed on                   
 and was amended on       . (if applicable).

## **ACKNOWLEDGMENT OF REVIEW OF PAPERS AND DUTY OF CANDOR**

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims as amended by any amendment referred to above.

I acknowledge the duty to disclose information, which is material to patentability as defined in 37, Code of Federal Regulations, § 1.56.

**PRIORITY CLAIMS UNDER 35 U.S.C. § 119(a)-(d)**

(Prior Foreign/Pct Application(S) Filed Within 12 Months  
(6 Months For Design) Prior To This Application)

I hereby claim foreign priority benefits under Title 35, United States Code, § 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate(s) or 365(a) of any PCT international application(s) which designated at least one country other than the United States of America, listed below and have also identified below any foreign application(s) for patent or inventor's certificate(s) or any PCT international application(s) having a filing date before that of the application(s) of which priority is claimed.

Application Number	Country or PCT	Date Of Filing (Day, Month, Year)	Priority not Claimed	Certified Copy Attached?
			<input type="checkbox"/>	<input type="checkbox"/> YES <input type="checkbox"/>

**CLAIM FOR BENEFIT OF PRIOR U.S. PROVISIONAL APPLICATION(S) UNDER 35 U.S.C. § 119(e)**

I hereby claim the benefit under Title 35, United States Code, § 119(e) of any United States provisional application(s) listed below:

Provisional Application Number	Filing Date

**CLAIM FOR BENEFIT OF EARLIER US/PCT APPLICATION(S) UNDER 35 U.S.C. 120**

(All Foreign Application(S), If Any, Filed More Than 12 Months  
(6 Months For Design) Prior To This U.S. Application)

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s) or 365(c) PCT international application(s) designating the United States of America that is/are listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT international application(s) in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose information which is material to patentability as defined in 37, Code of Federal Regulations, § 1.56, which became available between the filing date of the prior application(s) and the national or PCT international filing date of this application.

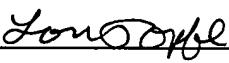
U.S Parent Application No.	PCT Parent Application No.	Date Of Filing (Day, Month, Year)	Parent Patent No. (If applicable)

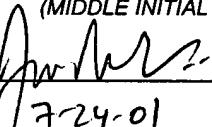
**DECLARATION**

I hereby declare that my presentation of this paper constitutes a certification under 37 C.F.R § 10.18, which provides, in part, that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and that further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful statements may jeopardize the validity of the application and any patent issuing therefrom.

## SIGNATURE(S)

Inventor(s)

Lou (GIVEN NAME)	(MIDDLE INITIAL OR NAME)	Topfl FAMILY (OR LAST NAME)
Inventor's signature		
Date	7-24-01	Country of Citizenship
Residence	Atlanta, GA 30309	
Mailing Address	39 Northwood Avenue, Atlanta, GA 30309	

Jai (GIVEN NAME)	P. (MIDDLE INITIAL OR NAME)	Menon FAMILY (OR LAST NAME)
Inventor's signature		
Date	7-24-01	Country of Citizenship
Residence	Alpharetta, GA 30022	
Mailing Address:	1041 Abingdon Lane, Alpharetta, GA 30022	

(GIVEN NAME)	(MIDDLE INITIAL OR NAME)	FAMILY (OR LAST NAME)
Inventor's signature		
Date		Country of Citizenship
Residence		
Mailing Address:		

- Signature by administrator(trix), or legal representative for deceased or incapacitated inventor. Number of pages added \_\_\_\_\_.
  - Signature for inventor who refuses to sign or cannot be reached by person authorized under 37 CFR 1.47. Number of pages added \_\_\_\_\_.
  - Added page for **signature** by one joint inventor on behalf of deceased inventor(s) where legal representative cannot be appointed in time. (37 CFR 1.47) Number of pages added \_\_\_\_\_.
  - Authorization of attorney(s) to accept and follow instructions from representative.
- This declaration ends with this page.



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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE  
37 C.F.R. § 3.73(b) Statement**

Applicants Topfl et al.

For **A SYSTEM AND METHOD FOR SERVER-BASED PREDICTIVE  
CACHING OF BACK-END SYSTEM DATA**

Serial No.: 09/886,071                          Filed: June 20, 2001

**BellSouth Intellectual Property Corporation (a Delaware corporation)** is the assignee of the entire right, title and interest in the patent identified above by virtue of either:

- A.  An assignment from the inventor(s) of the patent application identified above. The assignment was recorded in the United States Patent and Trademark Office on \_\_\_\_\_ at Reel\_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

OR

- B.  A chain of title from the inventor(s) of the patent application identified above to the current assignee as shown below:

1. From \_\_\_\_\_ To: \_\_\_\_\_

The document was recorded in the United States Patent and Trademark Office on \_\_\_\_\_ at Reel \_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

Copies of assignments or other documents in the chain of title are attached.

The undersigned (whose title is supplied below) is empowered to sign this statement on behalf of the assignee.

**Power Of Attorney**

I hereby revoke all previous powers of attorney, if any, and appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

Michael G. Biro	Reg. No. 46,556	James R. Kyper,	Reg. No. 27,346
Roberto Capriotti	Reg. No. 46,599	Michael D. Lazzara,	Reg. No. 41,142
Maria Comninou	Reg. No. 44,626	Mark R. Leslie,	Reg. No. 36,360
George D. Dickos,	Reg. No. 30,048	Franklin B. Molin,	Reg. No. 37,397
Thomas J. Edgington,	Reg. No. 34,324	Robert A. Muha,	Reg. No. 44,249
Christine R. Ethridge,	Reg. No. 30,557	Donald R. Palladino	Reg. No. 46,976
Jesse A. Hirshman,	Reg. No. 40,016	Jonathan C. Parks,	Reg. No. 40,120
James M. Joyce,	Reg. No. 43,700	Bernard G. Pike	Reg. No. 46,993
Mark G. Knedeisen,	Reg. No. 42,747	David Schramm	Reg. No. 41,295
William E. Kuss,	Reg. No. 41,919	Robert D. Yeager	Reg. No. 25,047

Please Direct All Correspondence to: Jonathan C. Parks, Esq.

Kirkpatrick & Lockhart, LLP  
Henry W. Oliver Building  
535 Smithfield Street  
Pittsburgh, PA 15222-2312

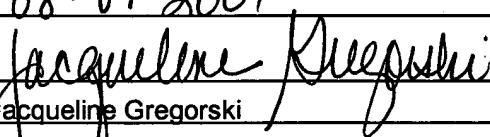
**Declaration**

I hereby declare that my presentation of this paper constitutes a certification under 37 C.F.R § 10.18, which provides, in part, that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and that further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful statements may jeopardize the validity of the application and any patent issuing therefrom.

Date

08-07-2001

Signature



Name

Jacqueline Gregorski

Title

Vice-President-BellSouth Intellectual Property Corporation



**Attorney's Docket No.** 00987

**PATENT**

For:  U.S. and/or  Foreign Rights  
For:  U.S. Application or  
           U.S. Provisional Application  
For:  U.S. Patent  
For:  PCT Application  
By: Multiple Inventors

## **ASSIGNMENT OF INVENTION (MULTIPLE INVENTORS)**

In consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration,

**ASSIGNORS (Inventors):**

Lou Topfl  
(type or print name of inventors)

39 Northwood Avenue  
Atlanta, GA 30309 USA  
Address Nationality

Jai P. Menon

**1041 Abingdon Lane  
Alpharetta, GA 30022 USA**

hereby sells, assigns and transfers to

ASSIGNEE:

BellSouth Intellectual Property Corporation  
(type or print name of ASSIGNEE)

824 Market Street, Suite 510  
Address

(a Delaware corporation)  
Nationality

Wilmington, DE 19801

and the successors, assigns and legal representatives of the ASSIGNEE

(complete one of the following)

the entire right, title and interest

an undivided \_\_\_\_\_ percent (\_\_\_\_\_)% interest for the United States  
and its territorial possessions

(check the following box, if foreign rights are also to be assigned)

and in all foreign countries, including all rights to claim priority, in and to any and all  
improvements which are disclosed in the invention entitled: **A SYSTEM AND METHOD FOR  
SERVER-BASED PREDICTIVE CACHING OF BACK-END SYSTEM DATA**

(check and complete (a), (b), (c), (d), (e), (f) or (g))

and which is found in

(a)  U.S. patent application executed on even date herewith

(b)  U.S. patent application executed on \_\_\_\_\_

(c)  U.S. provisional application naming the above inventor(s) for the above-entitled invention

Express mail label no.: \_\_\_\_\_

Mailed: \_\_\_\_\_

To comply with 37 CFR 3.21 for recordal of this assignment, I, an ASSIGNOR signing below,  
hereby authorize and request my attorney to insert below the filing date and application  
number when they become known.

(d)  U.S. application no.: 09/886,071 filed on June 20, 2001

(e)  International application no. PCT / \_\_\_\_\_ /  
filed on \_\_\_\_\_

(f)  U.S. patent no. \_\_\_\_\_ issued \_\_\_\_\_

A change of address to which correspondence is to be sent regarding patent  
maintenance fees is being sent separately.

(also check (g), if foreign application(s) is also being assigned)

(g)  and any legal equivalent thereof in a foreign country, including the right to claim priority and, in  
and to, all Letters Patent to be obtained for said invention by the above application or any  
continuation, division, renewal, or substitute thereof, and as to letters patent any reissue or re-  
examination thereof.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, We have hereunto set hand and seal this July 24, 2001  
Date of signing

WARNING: The date of signing must be the same as the date of execution of the application, if item (a) was checked above.

Lou Topfl  
(type name of Inventor)

Jai P. Menon

Lou Topfl  
Signature of INVENTOR

Jai P. Menon

Notarization or Legalization Page Added.

NOTE: No witnessing, notarization or legalization is necessary. If the assignment is notarized or legalized, then it will only be prima facie evidence of execution. 35 USC 261. Use next page if notarization is desired.

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of: Topfl et al.  
Application No.: 09/886,071  
Filed: June 20, 2001

For: A SYSTEM AND METHOD FOR SERVER-BASED PREDICTIVE CACHING OF BACK-END SYSTEM DATA

**Commissioner for Patents**  
Washington, DC 20231

**STATEMENT BY PRACTITIONER THAT APPLICATION FILED IN PTO  
IS THE ONE INVENTOR EXECUTED BY SIGNING DECLARATION**

**NOTE:** This form is to be used when the declaration only indicates the name(s) of the inventor(s) and the title of the invention. Notice of September 12, 1983, 1035 O.G. 3.

I,

Jonathan C. Parks

Name of Practitioner

Kirkpatrick & Lockhart LLP

P.O. Address

Henry W. Oliver Building, 535 Smithfield Street, Pittsburgh, Pennsylvania 15222-2312

Reg. No. 40,120

Tel. No. (412) 355-6288

state I am the registered practitioner for this application and the application identified above is the application that the inventor(s) executed by signing the declaration that is being submitted herewith.



SIGNATURE OF PRACTITIONER

Customer No.:

**CERTIFICATE OF MAILING/TRANSMISSION (37 C.F.R. 1.8a)**

I hereby certify that this correspondence is, on the date shown below, being:

**MAILING**

deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

**FACSIMILE**

transmitted by facsimile to the Patent and Trademark Office.

Date: \_\_\_\_\_

Signature

(type or print name of person certifying)

(Statement by Practitioner That Application Filed in PTO is the One Inventor Executed by Signing Declaration

[5-10])